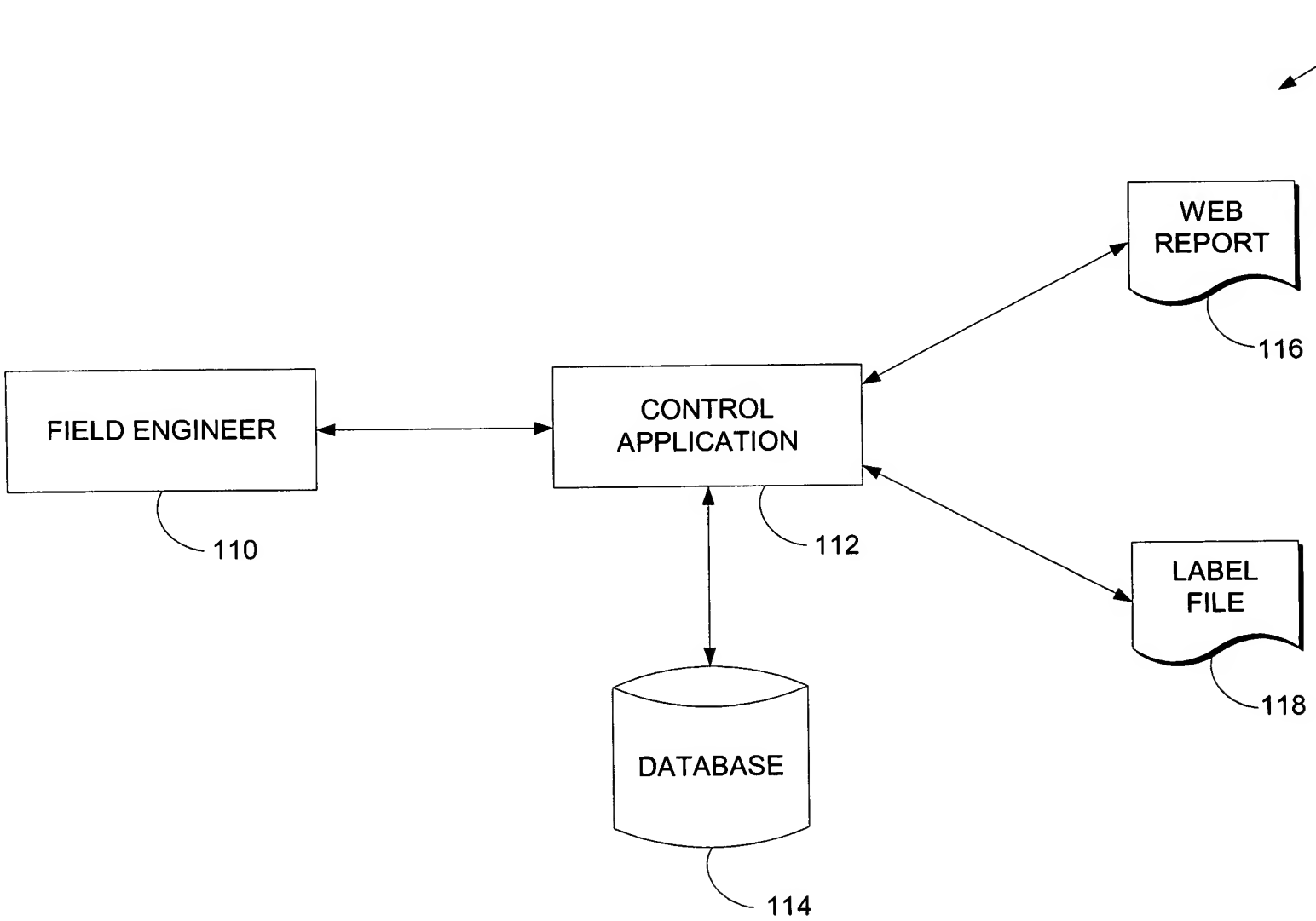
100
WEB REPORT
116
FIELD ENGINEER
CONTROL APPLICATION
110
112
LABEL FILE
118
DATABASE
114

FIG. 1.

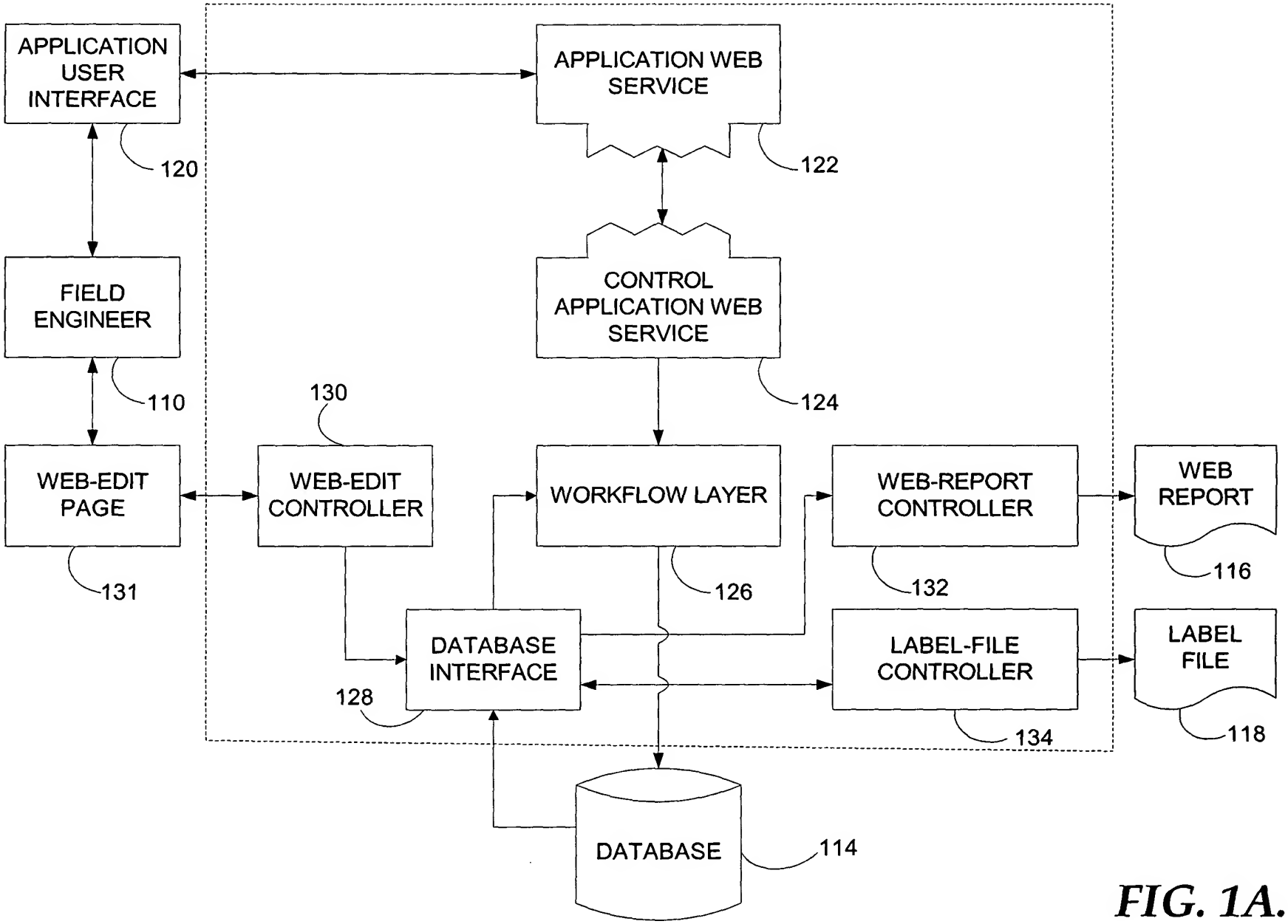
APPLICATION USER INTERFACE
120
APPLICATION WEB SERVICE
122
FIELD ENGINEER
110
CONTROL APPLICATION WEB SERVICE
124
130
WEB-EDIT PAGE
131
WEB-EDIT CONTROLLER
WORKFLOW LAYER
126
WEB-REPORT CONTROLLER
132
WEB REPORT
116
DATABASE INTERFACE
128
LABEL-FILE CONTROLLER
134
LABEL FILE
118
DATABASE
114

FIG. 1A.

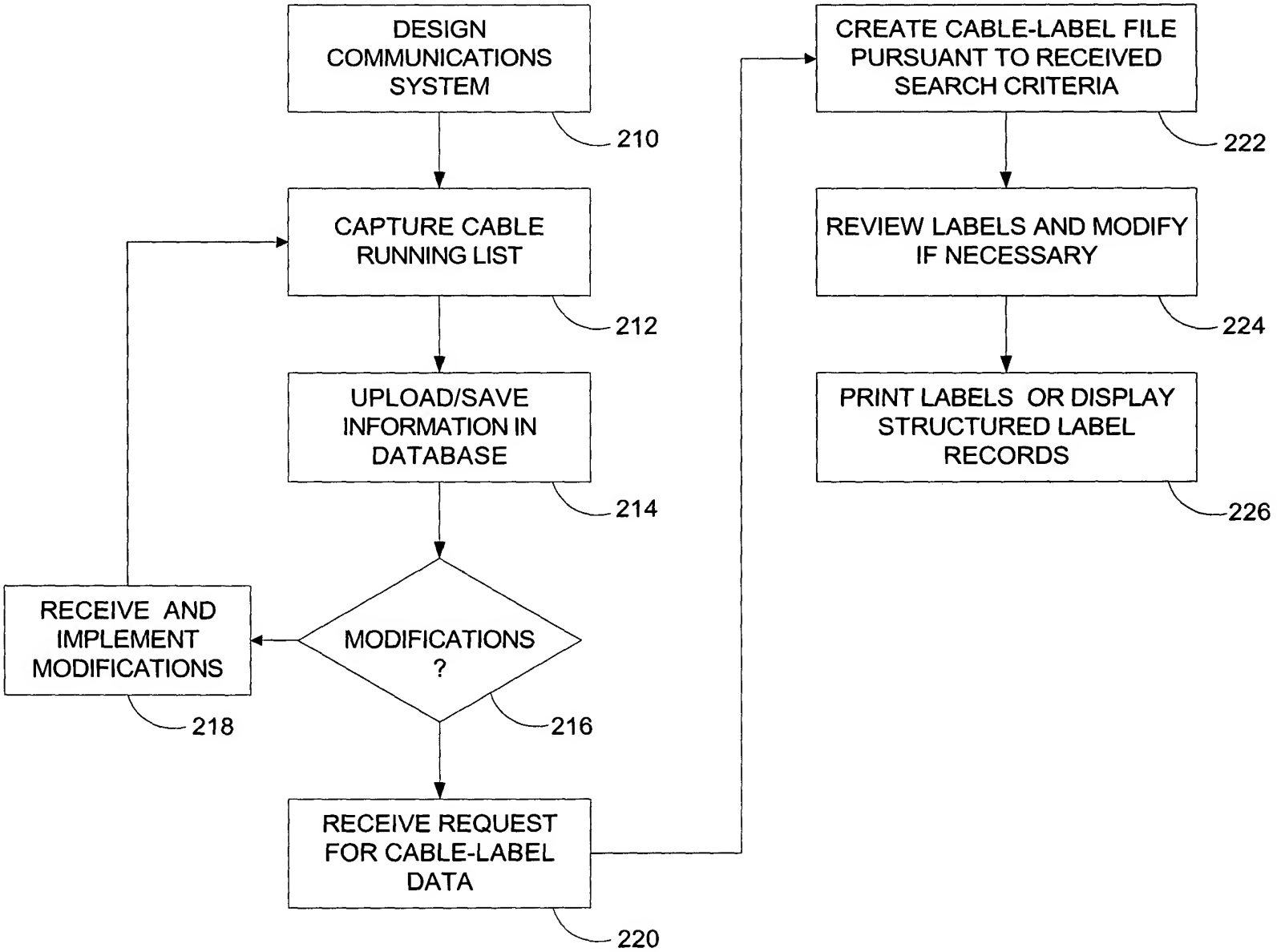
DESIGN COMMUNICATIONS SYSTEM
210
CAPTURE CABLE RUNNING LIST
212
UPLOAD/SAVE INFORMATION IN DATABASE
214
MODIFICATIONS ?
216
RECEIVE AND IMPLEMENT MODIFICATIONS
218
RECEIVE REQUEST FOR CABLE-LABEL DATA
220
CREATE CABLE-LABEL FILE PURSUANT TO RECEIVED SEARCH CRITERIA
222
REVIEW LABELS AND MODIFY IF NECESSARY
224
PRINT LABELS OR DISPLAY STRUCTURED LABEL RECORDS
226

FIG. 2.

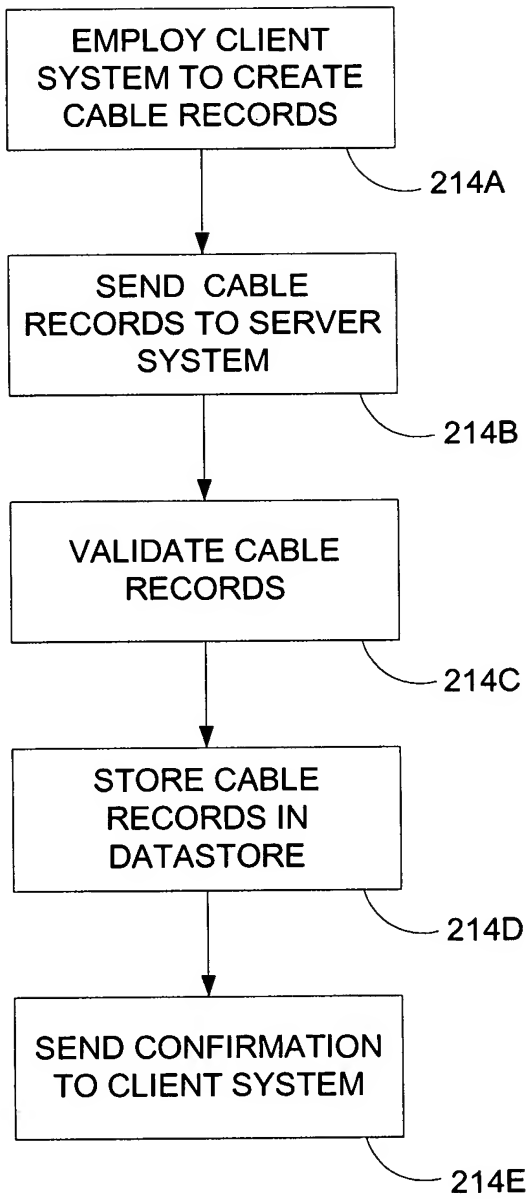
EMPLOY CLIENT SYSTEM TO CREATE CABLE RECORDS
214A
SEND CABLE RECORDS TO SERVER SYSTEM
214B
VALIDATE CABLE RECORDS
214C
STORE CABLE RECORDS IN DATASTORE
214D
SEND CONFIRMATION TO CLIENT SYSTEM
214E

FIG. 2A.

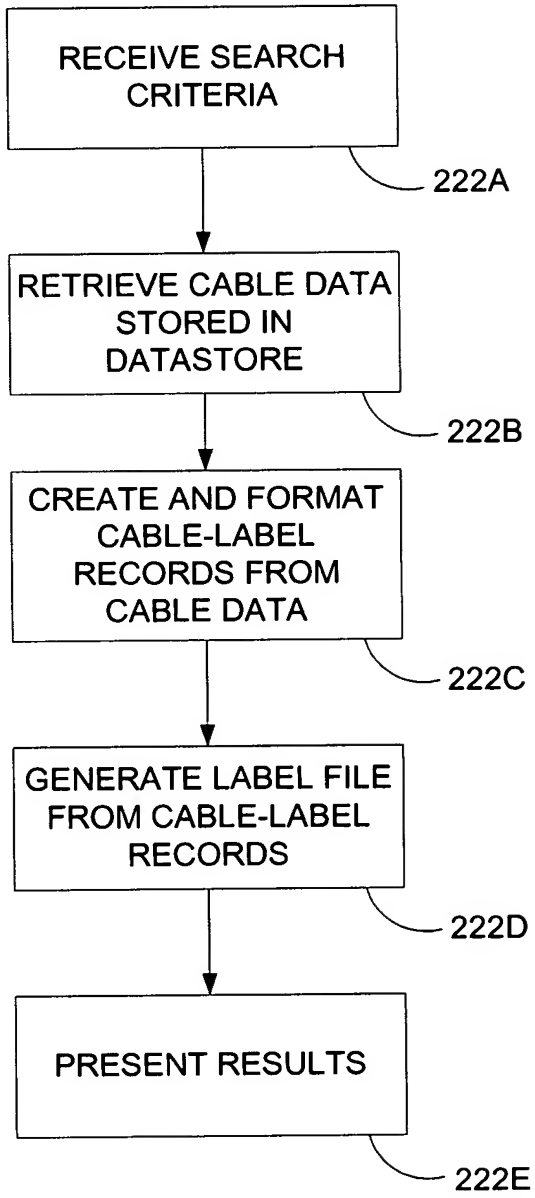
RECEIVE SEARCH CRITERIA
222A
RETRIEVE CABLE DATA STORED IN DATASTORE
222B
CREATE AND FORMAT CABLE-LABEL RECORDS FROM CABLE DATA
222C
GENERATE LABEL FILE FROM CABLE-LABEL RECORDS
222D
PRESENT RESULTS
222E

FIG. 2B.

CABLE INFORMATION				FROM				TO				
ITEM	CABLE TYPE	No of RUNS	Ft. per RUN	Rack or Loc.	EQUIPMENT	DESIGNATION	TERMINATION	Rack or Loc.	EQUIPMENT	DESIGNATION	TERMINATION	NOTES/COMMENTS
4.57	TX DS-3 COAX CA # 7 WIRE 1	1		8121 SHELF 1	APX 8000 DS3 CARD s/1 SDN-AP-035DCW/ASH367C	XMT (OUT)	BNC CONNECTOR	3101	DSX-3 BAY	TX (OUT)	PANEL 8 JACK 17	CHANNELIZED DS3 FOR CUSTOMER ACCESS # 1
4.58	RX DS-3 COAX CA # 7 WIRE 2	1		8121 SHELF 1	APX 8000 DS3 CARD s/1 SDN-AP-035DCW/ASH367C	RCV (IN)	BNC CONNECTOR	3101	DSX-3 BAY	RX (IN)	PANEL 8 JACK 17	
4.59	TX DS-3 COAX CA # 7 WIRE 3	1		8121 SHELF 1	APX 8000 DS3 CARD s/20 SDN-AP-035DCW/ASH367C	XMT (OUT)	BNC CONNECTOR	3101	DSX-3 BAY	TX (OUT)	PANEL 8 JACK 18	CHANNELIZED DS3 FOR CUSTOMER ACCESS # 2
4.60	DS-3 COAX CA # 7 WIRE 4	1		8121 SHELF 1	APX 8000 DS3 CARD s/20 SDN-AP-035DCW/ASH367C	RCV (IN)	BNC CONNECTOR	3101	DSX-3 BAY	RX (IN)	PANEL 8 JACK 18	
4.61	TX DS-3 COAX CA # 7 WIRE 5	1		8121 SHELF 1	APX 8000 DS3 CARD s/21 SDN-AP-035DCW/ASH367C	XMT (OUT)	BNC CONNECTOR	3101	DSX-3 BAY	TX (OUT)	PANEL 8 JACK 19	CHANNELIZED DS3 FOR CUSTOMER ACCESS # 3
4.62	RX DS-3 COAX CA # 7 WIRE 6	1		8121 SHELF 1	APX 8000 DS3 CARD s/21 SDN-AP-035DCW/ASH367C	RCV (IN)	BNC CONNECTOR	3101	DSX-3 BAY	RX (IN)	PANEL 8 JACK 19	
4.63	TX DS-3 COAX CA # 7 WIRE 7	1		8121 SHELF 1	APX 8000 DS3 CARD s/40 SDN-AP-035DCW/ASH367C	XMT (OUT)	BNC CONNECTOR	3101	DSX-3 BAY	TX (OUT)	PANEL 8 JACK 20	CHANNELIZED DS3 FOR CUSTOMER ACCESS # 4
4.64	RX DS-3 COAX CA # 7 WIRE 8	1		8121 SHELF 1	APX 8000 DS3 CARD s/40 SDN-AP-035DCW/ASH367C	RCV (IN)	BNC CONNECTOR	3101	DSX-3 BAY	RX (IN)	PANEL 8 JACK 20	
4.65	TX DS-3 COAX CA # 8 WIRE 1	1		8121 SHELF 2	APX 8000 DS3 CARD s/1 SDN-AP-036DCW/ASH367C	XMT (OUT)	BNC CONNECTOR	3101	DSX-3 BAY	TX (OUT)	PANEL 8 JACK 21	CHANNELIZED DS3 FOR CUSTOMER ACCESS # 1
4.66	RX DS-3 COAX CA # 8 WIRE 2	1		8121 SHELF 2	APX 8000 DS3 CARD s/1 SDN-AP-036DCW/ASH367C	RCV (IN)	BNC CONNECTOR	3101	DSX-3 BAY	RX (IN)	PANEL 8 JACK 21	
4.67	TX DS-3 COAX CA # 8 WIRE 3	1		8121 SHELF 2	APX 8000 DS3 CARD s/20 SDN-AP-036DCW/ASH367C	XMT (OUT)	BNC CONNECTOR	3101	DSX-3 BAY	TX (OUT)	PANEL 8 JACK 22	CHANNELIZED DS3 FOR CUSTOMER ACCESS # 2
4.68	DS-3 COAX CA # 8 WIRE 4	1		8121 SHELF 2	APX 8000 DS3 CARD s/20 SDN-AP-036DCW/ASH367C	RCV (IN)	BNC CONNECTOR	3101	DSX-3 BAY	RX (IN)	PANEL 8 JACK 22	
4.69	TX DS-3 COAX CA # 8 WIRE 5	1		8121 SHELF 2	APX 8000 DS3 CARD s/21 SDN-AP-036DCW/ASH367C	XMT (OUT)	BNC CONNECTOR	3101	DSX-3 BAY	TX (OUT)	PANEL 8 JACK 23	CHANNELIZED DS3 FOR CUSTOMER ACCESS # 3
4.70	RX DS-3 COAX CA # 8 WIRE 6	1		8121 SHELF 2	APX 8000 DS3 CARD s/21 SDN-AP-036DCW/ASH367C	RCV (IN)	BNC CONNECTOR	3101	DSX-3 BAY	RX (IN)	PANEL 8 JACK 23	

FIG. 3.